

Title (en)  
Dyeing base body, method for producing dyed resin body, and method for producing dyeing base body

Title (de)  
Farbstoffgebender Basiskörper, Verfahren zur Herstellung eines gefärbten Harzkörpers und Verfahren zur Herstellung eines farbstoffgebenden Basiskörpers

Title (fr)  
Objet de base donneur de colorant, méthode de fabrication d'un corps de résine coloré et méthode de fabrication d'un objet de base donneur de colorant

Publication  
**EP 2868484 A1 20150506 (EN)**

Application  
**EP 14191160 A 20141030**

Priority  
JP 2013226154 A 20131031

Abstract (en)  
A dyeing base body (1) to be used in a dyeing step of dyeing a resin body (8) by heating a sublimable dye attached to the dyeing base body by electromagnetic waves to sublime the dye toward the resin body. The dyeing base body includes a metal base (2) made in sheet form and an electromagnetic wave absorption layer (4) formed on at least an opposite side to the side to which the dye will be attached. The electromagnetic wave absorption layer has a higher electromagnetic wave absorption rate than the base.

IPC 8 full level  
**B41M 5/382** (2006.01); **B41M 5/41** (2006.01); **B29D 11/00** (2006.01); **B41M 5/46** (2006.01); **D06P 5/28** (2006.01)

CPC (source: EP US)  
**B29D 11/00009** (2013.01 - EP); **B29D 11/00038** (2013.01 - US); **B29D 11/00894** (2013.01 - US); **B29D 11/00903** (2013.01 - EP US); **B41M 3/003** (2013.01 - US); **B41M 5/382** (2013.01 - EP US); **B41M 5/38214** (2013.01 - US); **B41M 5/41** (2013.01 - EP US); **B41M 5/44** (2013.01 - US); **B41M 5/506** (2013.01 - US); **B41M 5/52** (2013.01 - US); **D06P 5/004** (2013.01 - EP US); **B41M 5/46** (2013.01 - EP US); **B41M 2205/02** (2013.01 - EP US); **B41M 2205/10** (2013.01 - US); **B41M 2205/30** (2013.01 - EP US)

Citation (applicant)

- JP 2001059950 A 20010306 - NIDEK KK
- JP 2011048340 A 20110310 - HOYA CORP

Citation (search report)

- [A] EP 2284312 A1 20110216 - HOYA CORP [JP]
- [A] US 2006046197 A1 20060302 - KIM MU-HYUN [KR], et al
- [A] US 2003098906 A1 20030529 - RANDEN NEIL A [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2868484 A1 20150506**; **EP 2868484 B1 20160615**; CN 104805705 A 20150729; CN 104805705 B 20190329; JP 2015110853 A 20150618; JP 6354987 B2 20180711; PT 2868484 T 20160823; US 2015113743 A1 20150430; US 9562320 B2 20170207

DOCDB simple family (application)  
**EP 14191160 A 20141030**; CN 201410598474 A 20141030; JP 2014201740 A 20140930; PT 14191160 T 20141030; US 201414528134 A 20141030